

## Product datasheet for **AP22475PU-N**

### Clusterin (CLU) (488-501) Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/32000. <b>Immunohistochemistry on Paraffin Sections:</b> 2.5 µg/ml. <b>Western Blot:</b> 1/32000, 0.3 - 1 µg/ml.
Reactivity:	Canine, Human, Monkey
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Synthetic peptide from the C-terminus of human CLU/Clusterin (NP_001822.2; NP_976084.1).
Specificity:	This antibody detects Apolipoprotein J (Apo J) at C-term.
Formulation:	Tris saline buffer, pH~7.3, 0.5% BSA, 0.02% Sodium Azide State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	clusterin
Database Link:	<a href="#">Entrez Gene 1191 Human P10909</a>
Background:	Isoform 1 functions as extracellular chaperone that prevents aggregation of nonnative proteins. Prevents stress-induced aggregation of blood plasma proteins. Inhibits formation of amyloid fibrils by APP, APOC2, B2M, CALCA, CSN3, SNCA and aggregation-prone LYZ variants (in vitro). Does not require ATP. Maintains partially unfolded proteins in a state appropriate for subsequent refolding by other chaperones, such as HSPA8/HSC70. Does not refold proteins by itself.

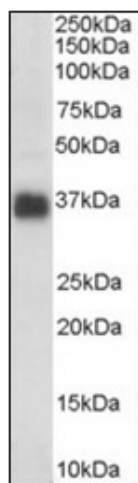


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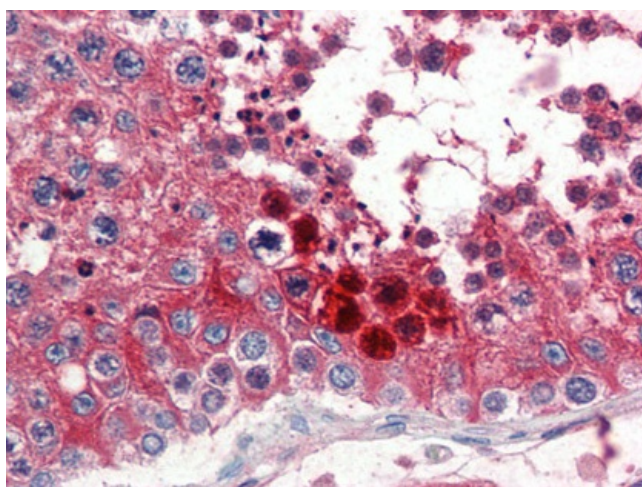
**Synonyms:** Clusterin, APOJ, CLI, KUB1, AAG4, NA1/NA2, SP-40,40

**Protein Families:** Druggable Genome, Secreted Protein

**Product images:**



Antibody (0.3 ug/ml) staining of human colon lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Human Testis (formalin-fixed, paraffin-embedded) stained with CLU antibody at 2.5 ug/ml followed by biotinylated anti-goat IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.